

ABSTRACT

The present invention relates to a routing information optimization and control technology in mobile communication. A Gateway Home Location Register (GHLR), comprising a signaling transceiving module, a security rule configuration module, and a routing information security analysis module. A method of exchanging roaming subscriber routing information, comprising: the GHLR in the home network receiving a information request and determining the request according to the security rules in GHLR; if the request is accordant to the security rules in GHLR, GHLR sending called information to the network element capable of fetching subscriber routing information in the visited network. Through introducing a roaming subscriber information security control method and a device GHLR, the present invention can solve the problem of exchanging roaming subscriber information between networks, support the visited network to provide service for the roaming subscribers in it, and protect security of the home operator and subscriber information.